



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:**

Sandhu et al.

**Serial No.:** 10/637,108

**Filed:** August 8, 2003

**For:** LOW RESISTANCE CONTACT TO  
SILICON HAVING A TITANIUM SILICIDE  
INTERFACE AND AN AMORPHOUS  
TITANIUM CARBONITRIDE BARRIER  
LAYER

**Examiner:** Unknown

**Group Art Unit:** 2812

**Attorney Docket No.:** 2269-3264.6US  
(92-0280.09/US)

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail on the date of deposit shown below with sufficient postage and in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

November 14, 2003  
Date

Signature

Deidra Pfeil

Name (Type/Print)

**REQUEST FOR CORRECTED FILING RECEIPT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Attached is a copy of the official filing receipt received from the PTO in the above application. Issuance of a corrected filing receipt in accordance with the annotations on the attached filing receipt copy is respectfully requested.

**The errors to be corrected are as follows:**

**Please change the filing date to August 8, 2003**

Serial No.: 10/637,108

Applicants have attached a copy of the Express Mail receipt indicating deposit with the Post Office on August 8, 2003.

These corrections are not due to any errors by Applicant and no fee is due.

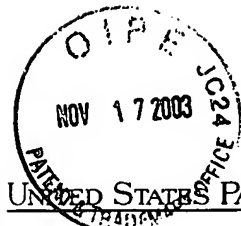
Respectfully submitted,



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Date: November 14, 2003  
JRD/sls:djp

Enclosure: Copy of Official Filing Receipt with annotations correcting errors  
Document in ProLaw



## UNITED STATES PATENT AND TRADEMARK OFFICE

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APPL NO.	FILING OR 371 (C) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/637,108	08/29/2003 8	2812	750	3264.6US (92-0280.09/US)	4	20	2

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CONFIRMATION NO. 5025

FILING RECEIPT



\*OC000000011199629\*

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Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

## Applicant(s)

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Trung T. Doan, Boise, ID;  
Tyler A. Lowrey, Boise, ID;

## Domestic Priority data as claimed by applicant

This application is a DIV of 09/921,615 08/03/2001 PAT 6,632,736  
which is a CON of 09/495,534 01/31/2000 PAT 6,291,340  
which is a CON of 09/012,685 01/23/1998 PAT 6,081,034  
which is a CON of 08/509,708 07/31/1995 PAT 5,723,382  
which is a CIP of 08/228,795 04/15/1994 ABN  
which is a CON of 07/898,059 06/12/1992 ABN

## Foreign Applications

If Required, Foreign Filing License Granted: 11/05/2003

Projected Publication Date: 02/12/2004

Non-Publication Request: No

Early Publication Request: No

**Title**

Low-resistance contact to silicon having a titanium silicide interface and an amorphous titanium carbonitride barrier layer

**Preliminary Class**

438

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**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

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